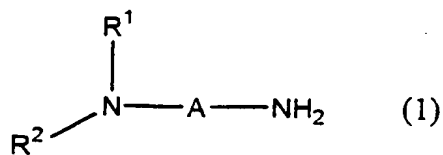


ABSTRACT OF THE DISCLOSURE

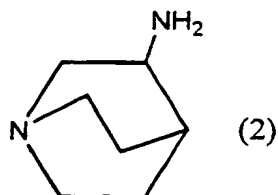
A method for producing a polyurethane resin, which comprises reacting a polyol with a polyisocyanate in the presence of a catalyst selected from the group consisting
5 of a catalyst (A) containing an amine compound of the following formula (1):



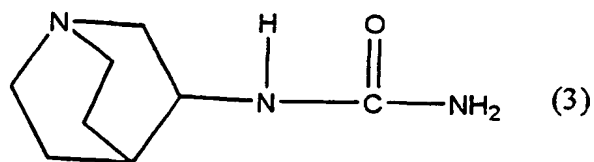
10

wherein each of R^1 and R^2 which are independent of each other, is a C_{1-4} alkyl group, and A is a C_{5-10} straight chain or branched chain alkylene group;

a catalyst (B) containing an amine compound of the
15 following formula (2):

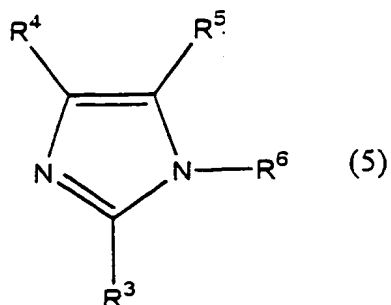


20 a catalyst (C) containing an amine compound of the following formula (3):



25

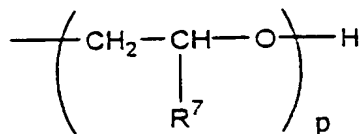
a catalyst (D) containing a compound of the following formula (5):



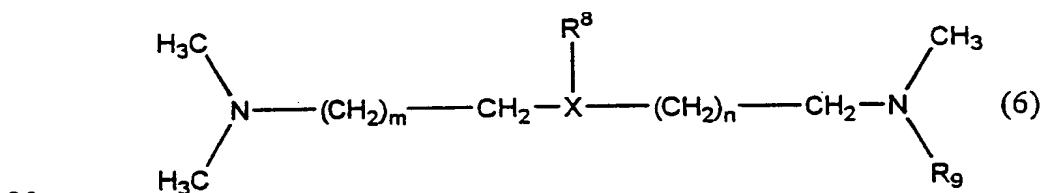
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wherein each of R^3 , R^4 and R^5 which are independent of one another, is a hydrogen atom or a C_{1-4} alkyl group, R^6 is a hydrogen atom, a functional group of the following formula:

10



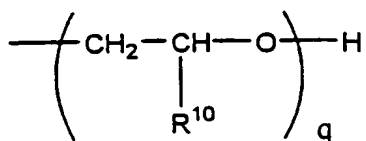
wherein R^7 is a hydrogen atom or a C_{1-4} alkyl group, and p is an integer of from 1 to 3, or a 3-aminopropyl group, and an amine compound of the following formula (6):



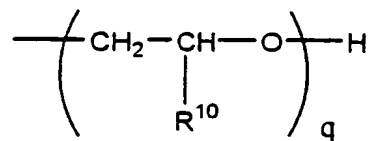
20

wherein X is a nitrogen atom or an oxygen atom, each of R^8 and R^9 which are independent of each other, is a methyl group or a functional group of the following formula:

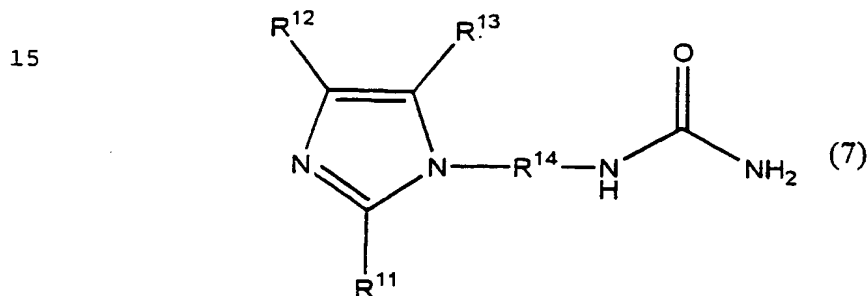
25



wherein R^{10} is a hydrogen atom or a C_{1-4} alkyl group, and q is an integer of from 1 to 3, and each of m and n is an integer of from 1 to 2, provided that when X is a nitrogen atom, R^8 and R^9 are not simultaneously methyl groups, and that when X is an oxygen atom, R^9 is a functional group of the following formula:



10 wherein R¹⁰ is a hydrogen atom or a C₁₋₄ alkyl group, and
q is an integer of from 1 to 3; and
a catalyst (E) containing an amine compound of the
following formula (7):



20 wherein each of R^{11} , R^{12} and R^{13} which are independent of one another, is a hydrogen atom or a C_{1-4} straight chain or branched chain alkyl group, and R^{14} is a C_{1-4} straight chain or branched chain alkylene group.